

### **EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Gary Abelev on 8/14/08.

The application has been amended as follows:

48. (Currently Amended) A computer-readable medium for operating a magnetic resonance imaging system comprising a coil arrangement of claim-~~42~~ 5 , the computer-readable medium having a set of instructions operable to direct a processor to perform the steps of: permitting the first conductive member to receive an electrical current; permitting the second conductive member to pass the electrical current therethrough; permitting the electrical current to exit through the third conductive member; and permitting a plurality of switches to dynamically control the offset between the second conductive member and a fourth conductive member, wherein the fourth conductive member is electrically coupled to the first conductive member and the third conductive member.

The following is an examiner's statement of reasons for allowance: With regard to claims 5, 11, 17, 21 , 48, 52, 53 and 55-58, the prior art of record does not disclose or

fairly teach first conductive member is offset axially from the second conductive member.

With regards to claims 6,12, 18, and 36-51,the prior art of record does not disclose or fairly teach a switch configured to dynamically control an offset between the first and second conductive members.

With regards to claims 24, 28 and 29, the prior art of record does not disclose or fairly the at least one solenoid coil arrangement comprising : at least one first solenoid coil, at least one second solenoid coil, and wherein the at least one first solenoid coil is wound in a first direction, and the at least one second solenoid coil is wound in a second direction which is opposite to the first direction.

With regards to claim 25, the prior art of record does not disclose or fairly teach the at least one magnetic field gradient coil structure generates at least one selectable non-uniform gradient field.

With regards to claim 26, the prior art of record does not disclose or fairly teach the at least one magnetic field gradient coil structure generates at least one long axis gradient field.

With regards to claim 27, the prior art of record does not disclose or fairly teach the at least one magnetic field gradient coil structure generates at least one transverse gradient field.

With regards to claims 30-35 and 54, the prior art of record does not disclose the specific circuit configuration with emphasis on a third conductive member which is directly electrically coupled to an input portion of each of the first and second conductive

members; and a fourth conductive member which is directly electrically coupled to an output portion of each of the first and second conductive members.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KIMBERLY E. GLENN whose telephone number is (571)272-1761. The examiner can normally be reached on Monday-Friday 7:30 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Robert Pascal can be reached on (571)-272-1769. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/BENNY LEE/

Kimberly E Glenn

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**PRIMARY EXAMINER**  
**ART UNIT 2817**

Examiner  
Art Unit 2817

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/K. E. G./

Examiner, Art Unit 2817